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September 29, 2005

TO:

| Commissioner | FROM: Mark R. Hennings |
|--|-------------------------------|
| P.O. Box 1450 Alexandria, Virginia 22313-1450 | OUR REF: 50019.225USU1/P05611 |
| | TELEPHONE: 206.342.6200 |

Total pages, including cover letter: 11

PTO FAX NUMBER 1-571-273-8300

If you do NOT receive all of the pages, please telephone us at 206.342.6200, or fax us at 206.342.6201.

Title of Document Transmitted: Transmittal (+1 copy); Amendment

Applicant: Mehmet Aslan et al.

Serial No.: 10/820,535 Filed: April 8, 2004 Group Art Unit: 2859

Our Ref. No. 50019.225USU1/P05611

Confirmation No. 8319

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September 29, 2005

Name: Mark R. Hennings

Reg. No.: 48.982

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Mehmet Aslan et al.

Examiner:

Stanley J. Pruchnic

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Serial No.:

10/820,535

Group Art Unit:

2859

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Filed:

April 8, 2004

Docket:

50019.225USU1/P05611

Confirmation No.:

8319

Notice of Allow.

Date:

Due Date:

September 29, 2005

Title:

THREE-TERMINAL DUAL-DIODE SYSTEM FOR FULLY DIFFERENTIAL REMOTE

TEMPERATURE SENSORS

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this correspondence is being sent via facsimile to 571-273-8300, Mail Stop Amendment, Commissioner for Patents, Attn: Examiner Stanley J. Pruchnic, P.O.

Box 1450, Alexandria, VA 22313-1450 on September 29, 2005.

By:

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

23552 PATENT TRADEMARK OFFICE

Sir.

We are transmitting herewith the attached:

Transmittal Sheet in duplicate containing Certificate Under 37 CFR 1.6(d)

Amendment

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> Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903 612.332.5300

By Name: Mark R. Hennings

Reg. No.: 48,982

MRH:lam

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(PTO TRANSMITTAL - GENERAL)

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پرست

Name: Leslie A. Moss

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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S/N 10/820,535

PATENT

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Name: Leslie A. Moss

AMENDMENT

Mail Stop Amendment Commissioner for Patents Attn: Examiner Stanley J. Pruchnic P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action of June 29, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.